

**Requirements for admission to the MS or PhD Program include:**

- Bachelor Degree in a field relevant to vision science from an accredited university.
- Official transcripts from all undergraduate, graduate and/or professional schools.
- (2) Letters of recommendation from professional colleagues, instructors or professors.
- Official Score Report of the Graduate Record Examination (GRE) with Verbal
- The following GRE component scores are highly recommended: Verbal Reasoning  $\geq$  142, Quantitative Reasoning  $\geq$  143, Analytical Writing  $\geq$  2.7
- International Students: Official score report of English proficiency test.
- Minimum cumulative GPA of 3.00
- Conditional admission allowed; retention based on performance in core curriculum.

**Successful completion of the PhD program requires:**

- A minimum of 33 months in residency
- A minimum of 60 credit hours
- Successful completion of all core curriculum with letter grades of “B” or higher
- Successful completion of a written qualifying exam
- Successful completion of an oral qualifying exam and advancement to Candidacy
- Successful completion of a written Dissertation, major portions of which are suitable for publication as at least three papers in peer-reviewed journals

**Doctor of Philosophy Graduate Program in Vision Science Curriculum**

Philosophy (33 months) in Vision Science Degree Program

Semester/Year	Year 1 Core Curriculum for PhD (Independent study can be substituted for in-class course attendance if approved by the Dissertation Advisor and Course Instructor(s) but all courses must be completed with a letter grade of “B” or higher)	Credit Hours
Fall Semester Year 1 (Aug-Dec)	VISC 7305 Fundamentals of Vision Science	3.0
	VISC 7310 Binocular Vision & Ocular Motility	3.0
	VISC 7115 Genomics Medicine	1.0
	VISC 7220 Ocular Physiology	2.0
	MATH 6363 Research Statistics	3.0
	VISC 7125 Teaching In Vision Science	1.0
Spring Semester Year 1 (Jan-May)	VISC 7530 Visual and Applied Optics	5.0
	VISC 7335 Clinical Ocular Anatomy	3.0
	VISC 7240 Functional Neuroanatomy	2.0
	VISC 7245 Research Methodology and Dissertation Development	2.0
	VISC 7125 Teaching In Vision Science	1.0
Total Curriculum Hours		26

Semester/Year	Doctor of Philosophy in Vision Science Matriculation Program	Hours
Summer Year 1	VISC 7125 Teaching in Vision Science (courses, labs, CE, presentations)	1.0
	VISC 8550 Dissertation Research, Analysis and Writing	5.0
	Written Qualifying Exam*	N/A
Fall Year 2	VISC 7125 Teaching in Vision Science (courses, labs, CE, presentations)	1.0
	VISC 8550 Dissertation Research, Analysis and Writing	5.0
	Oral Qualifying Exam: Broad Focus on Area of Dissertation Research	N/A
Spring Year 2	Advancement to Candidacy (contingent on passing the oral exam)	N/A
	VISC 7125 Teaching in Vision Science (courses, labs, CE, presentations)	1.0
	VISC 8550 Dissertation Research, Analysis and Writing	5.0
Summer Year 2	VISC 7125 Teaching in Vision Science (courses, labs, CE, presentations)	1.0
	VISC 8550 Dissertation Research, Analysis and Writing	5.0
Fall Year 3	VISC 8550 Dissertation Research, Analysis and Writing	5.0
Spring Year 3	VISC 8550 Dissertation Research, Analysis and Writing	5.0

PhD Program consists of 60 credit hours.

DOD students can begin in July to match their PCS move; option also available to non-DOD students

\*The written qualifying exam will be an objective, multiple-choice exam reflecting a compilation of Core Curriculum.